App No.: 10/566,383 Docket No.: 3749-0109PUS1 nventor: Atsushi MARUYAMA et al. Fitle: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 1 of 13

Figure 1

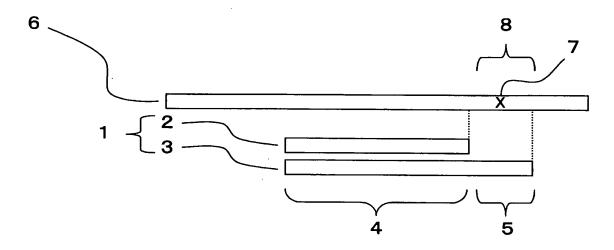
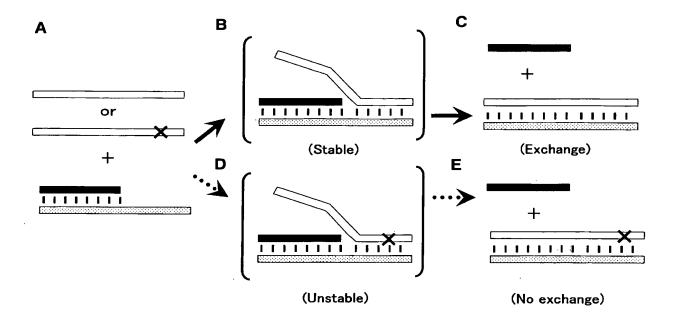


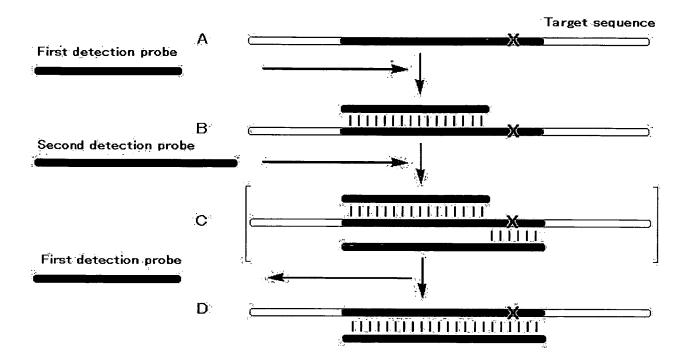
Figure 2



App No.: 10/566,383 Docket No.: 3749-0109P (Inventor: Atsushi MARUYAMA et al.)
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 2 of the control of the con Docket No.: 3749-0109PUS1

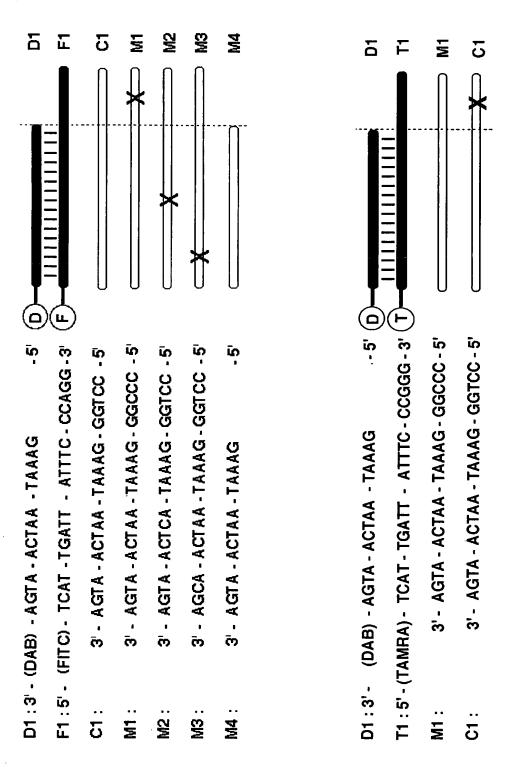
Sheet 2 of 13

Figure 3



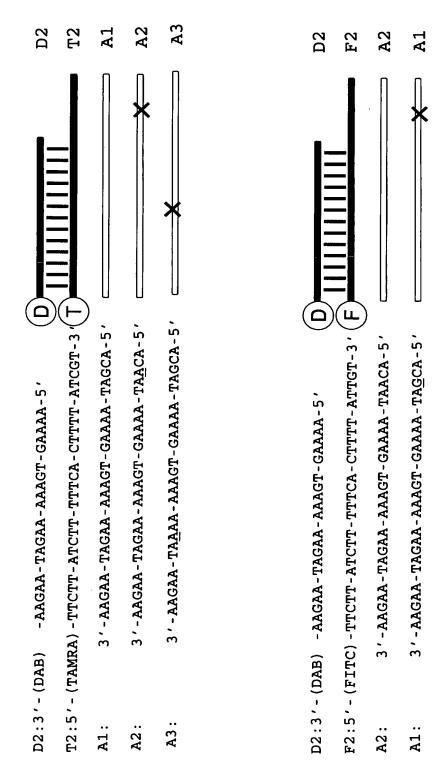
App No.: 10/566,383 Docket No.: 3749-0109F nventor: Atsushi MARUYAMA et al. Fitle: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES Sheet 3 of 13 REPLACEMENT SHEET

Figure 4



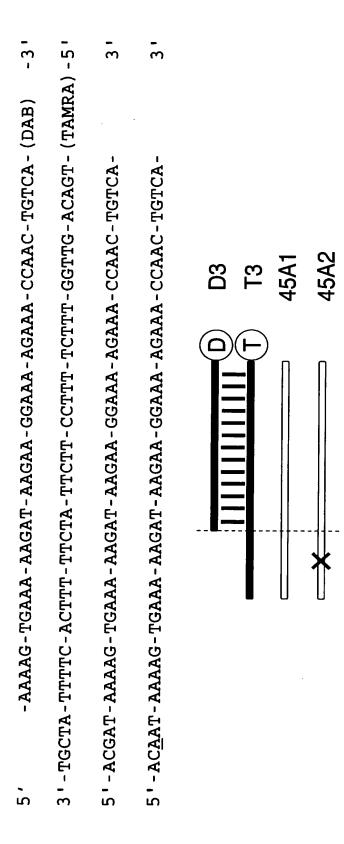
App No.: 10/566,383 Docket No.: 3749-0109F Inventor: Atsushi MARUYAMA et al.
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 4 Sheet 4 of 13

Figure 5



App No.: 10/566,383 nventor: Atsushi MARUYAMA et al. Fitle: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES Sheet 5 of 13 REPLACEMENT SHEET

Figure 6



App No.: 10/566,383 Docket No.: 3749-0109P Inventor: Atsushi MARUYAMA et al.
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 6 (Sheet 6 of 13

Figure 7

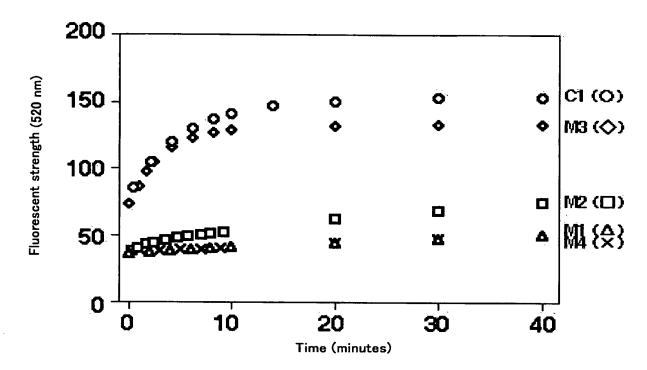
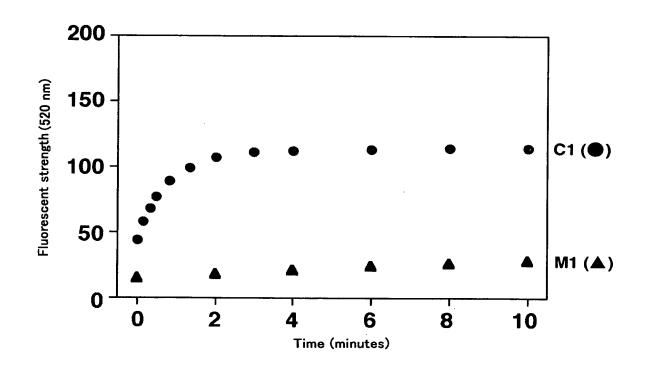


Figure 8



App No.: 10/566,383 Docket No.: 3749-0109P nventor: Atsushi MARUYAMA et al.

Fitle: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 7 Sheet 7 of 13

Figure 9

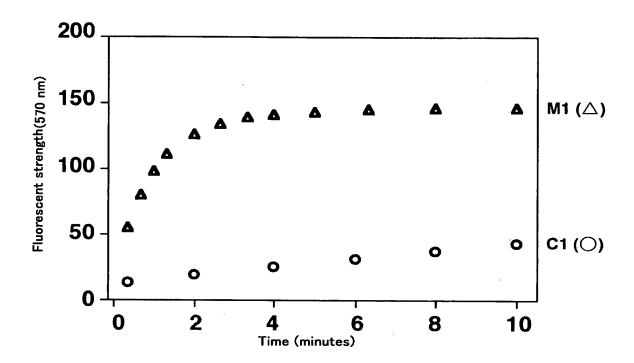
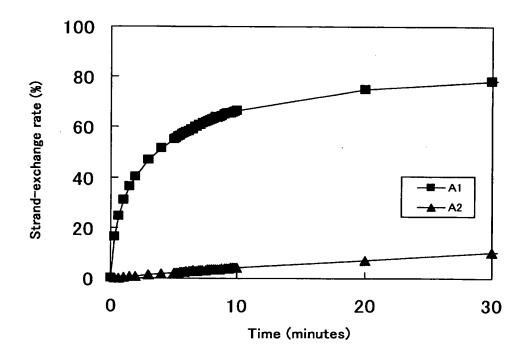


Figure 10



App No.: 10/566,383 Docket No.: 3749-0109P Inventor: Atsushi MARUYAMA et al.
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 8 (Docket No.: 3749-0109PUS1

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Figure 11

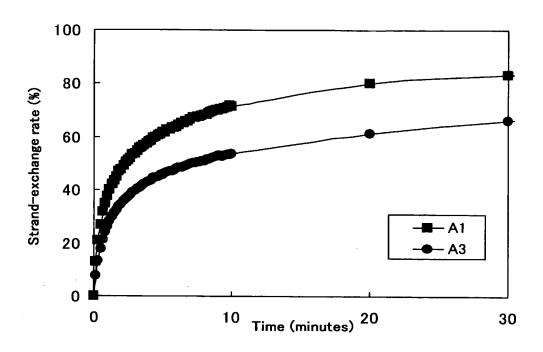
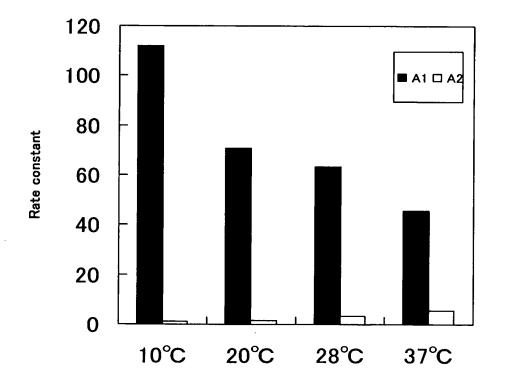


Figure 12



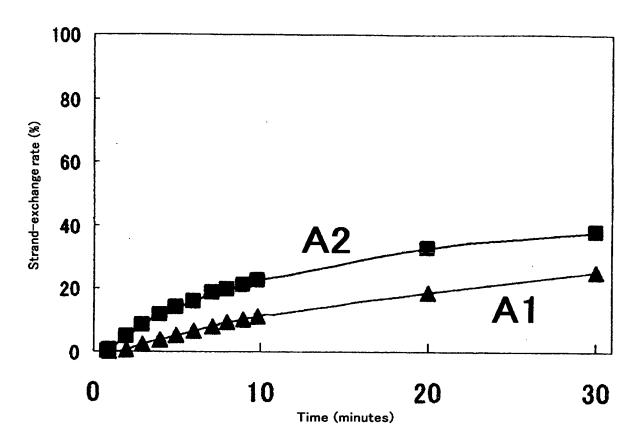
App No.: 10/566,383 Docket No.: 3749-0109P nventor: Atsushi MARUYAMA et al.

Fittle: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES

Sheet 9.6

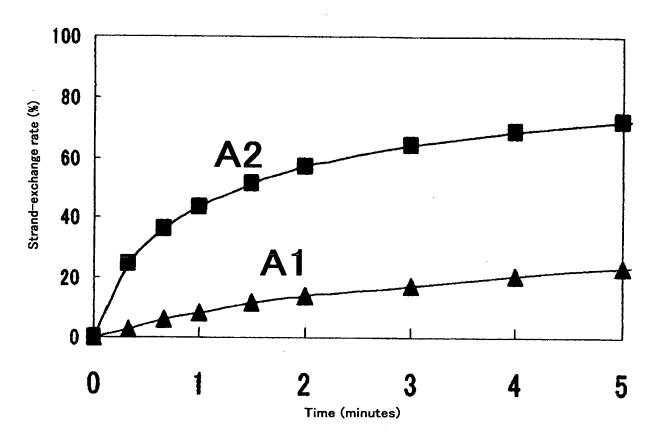
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Figure 13



App No.: 10/566,383 Docket No.: 3749-0109P Inventor: Atsushi MARUYAMA et al.
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 10 of the control of the cont Sheet 10 of 13

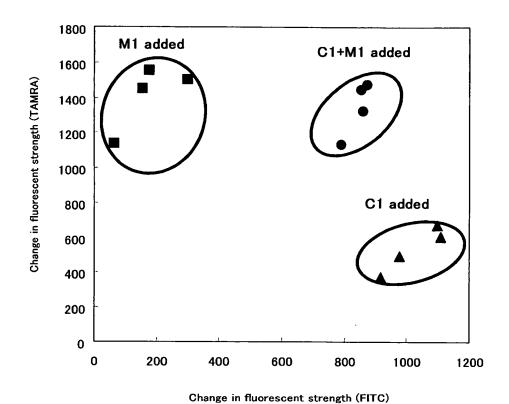
Figure 14



App No.: 10/566,383 Docket No.: 3749-0109P nventor: Atsushi MARUYAMA et al.

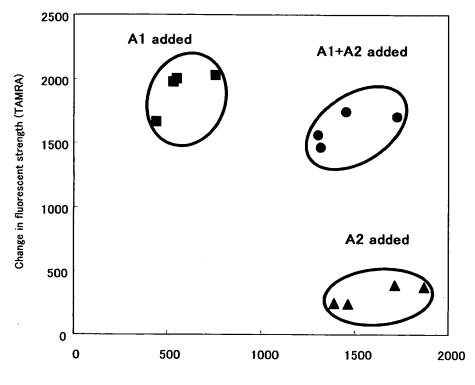
Title: PARTIALLY DOUBLE STRANDED NUCLEIC ACID MOLECULES REPLACEMENT SHEET Sheet 11 of Sheet 11 of 13

Figure 15



App No.: 10/566,383 Docket No.: 3749-0109P Inventor: Atsushi MARUYAMA et al.
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Figure 16



Change in fluorescent strength (FITC)

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Figure 17

